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FEE TRANSMIT	Complete if Known							
FEE INANSIVIII	IAL	Applic	ation	Numbe	er	10/660,60	02-Conf. #7883	
for FY 2004		Filing	Date			Septemb	er 12, 2003	
	dan data -	First N	Named	Inven	itor	John T. N	1oore	
Effective 10/01/2003. Patent fees are subject to annua	revision.	Examiner Name				C. D. Wil:	son	
Applicant claims small entity status. See 37 (CFR 1.27	Art Unit				2824		
TOTAL AMOUNT OF PAYMENT (\$) 1	80.00			ket No).	M4065.06	693/P693-A	
METHOD OF PAYMENT (check all that app	0/v1			FEE	CALCUL	ATION (co	ntinued)	
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Name Oshinsky LLP The Director is authorized to: (check all that apply)	105	2 50	2052	25	Surcharge -	- late provisio	nal filing fee or cover	
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to the above-identified deposit account.	180	,	1805	1,040	Examiner a	ction		
FEE CALCULATION	125		2251	55		or reply within		
1. BASIC FILING FEE Large Entity Small Entity	125		2252 2253	210			second month	
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1002 340 2002 170 Design filing fee	140		2401		Notice of Ap	•		
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1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	145		1451		-	oral hearing	lic use proceeding	
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Claims^	180	7 50	1807	50			CFR 1.17(g)	
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Code (\$) Code (\$) Fee Description 1202 18 2202 9 Claims in excess of 20							of properties) final rejection	
1201 86 2201 43 Independent claims in excess	of 3	9 770	2809	385	(37 CFR 1.1	(29(a))		î.
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1204 86 2204 43 ** Reissue independent claims over original patent			2801	385	-	Continued E	xamination (RCE)	
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SUBMITTED BY						(Complete	(if applicable))	
Name (Print/Type) Thomas J. D'Amico		istration No mey Agent)	28	,371		Telephone	(202) 828-2232	
Signature	3	- Ayoni)				Date	June 18, 2004	
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Docket No.: M4065.0693/P693-A (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Examiner: Christian D. Wilson

John T. Moore

Application No.: 10/660,602

Allowed: May 18, 2004

Filed: September 12, 2003

Art Unit: 2824

For: Non-volatile resistance variable device

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental IDS is filed after the mailing date of a Notice of Allowance, but on or before payment of the Issue Fee (37 CFR 1.97(d)). Accordingly, Applicant hereby petitions that the Information Disclosure Statement be considered.

No item contained in this Supplemental IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Supplemental IDS was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Supplemental IDS.

06/22/2004 BSAYASI1 00000009 10660602

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1783241 v1; 127YH01I.DOC

Application No.: 10/660,602 Docket No.: M4065.0693/P693-A

Copies of the references on the PTO/SB/08 are not provided as the application was filed after June 30, 2003.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Credit Card in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0693/P693-A.

Dated: June 18, 2004

Respectfully submitted,

Thomas J. D'Amico

Registration No.: 28,371

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Attorney for Applicant

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PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO

Complete if Known
Application Number 10/660,602

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
First Named Inventor John T. Moore
Art Unit 2824

	(Use as many sh	eets as	s necessary)	Examiner Name	C. D. Wilson
Sheet	1	of	3	Attorney Docket Number	M4065.0693/P693-A

			U.S. PA	TENT DOCUMENTS	-
Examiner Initials*	Cite	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
muais	No.1				Figures Appear
	Α	US 2004/0035401	2/2004	Ramachandran et al.	
	В	US 2003/0212724	11/2003	Ovshinsky et al.	
	С	US 2003/0048744	3/2003	Ovshinsky et al.	
	D	US 2003/0212725	11/2003	Ovshinsky et al.	
	E	US RE 37,259E	7/2001	Ovshinsky	
	F	US 3,271,591	9/1966	Ovshinsky	
	G	US 3,961,314	6/1976	Klose et al.	
	Н	US 3,966,317	6/1976	Wacks et al.	
	1	US 3,983,542	11/1976	Ovshinsky	
	J	US 3,988,720	10/1976	Ovshinsky	
	K	US 4,177,474	12/1979	Ovshinsky	
	L	US 4,267,261	5/1981	Hallman et al.	
	М	US 4,597,162	7/1986	Johnson et al.	
	N	US 4,608,296	8/1986	Keem et al.	
	0	US 4,637,895	1/1987	Ovshinsky et al.	
	Р	US 4,646,266	2/1987	Ovshinsky et al.	
	Q	US 4,664,939	5/1987	Ovshinsky	
	R	US 4,668,968	5/1987	Ovshinsky et al.	
	s	US 4,670,763	6/1987	Ovshinsky et al.	
	T	US 4,673,957	6/1987	Ovshinsky et al.	
	U	US 4,678,679	7/1987	Ovshinsky	
	V	US 4,696,758	9/1987	Ovshinsky et al.	
	W	US 4,698,234	10/1987	Ovshinsky et al.	
	X	US 4,710,899	12/1987	Young et al.	
	Y	US 4,728,406	3/1988	Banerjee et al.	
	Z	US 4,737,379	4/1988	Hudgens et al.	
	A1	US 4,766,471	8/1988	Ovshinsky et al.	
	B1	US 4,769,338	9/1988	Ovshinsky et al.	
	C1	US 4,775,425	10/1988	Guha et al.	
	D1	US 4,788,594	11/1988	Ovshinsky et al.	
	E1	US 4,809,044	2/1989	Pryor et al.	
	F1	US 4,818,717	4/1989	Johnson et al.	
	G1	US 4,843,443	6/1989	Ovshinsky et al.	
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	11	US 4,853,785	8/1989	Ovshinsky et al.	
	J1	US 4,891,330	1/1990	Guha et al.	
	K1	US 5,128,099	7/1992	Strand et al.	
	L1	US 5,159,661	10/1992	Ovshinsky et al.	
	M1	US 5,166,758	11/1992	Ovshinsky et al.	
	N1	US 5,177,567	1/1993	Klersy et al.	
	01	US 5,296,716	3/1994	Ovshinsky et al.	
	P1	US 5,335,219	8/1994	Ovshinsky et al.	
	Q1	US 5,359,205	10/1994	Ovshinsky	
	R1	US 5,341,328	8/1994	Ovshinsky et al.	
	S1	US 5,406,509	4/1995	Ovshinsky et al.	

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Substitute for form 1449A/B/PTO		Complete if Known			
				Application Number	10/660,602
INI	FORMATIC	ON DISC	LOSURE	Filing Date	September 12, 2003
STATEMENT BY APPLICANT				First Named Inventor	John T. Moore
				Art Unit	2824
	(Use as many sheets as necessary)			Examiner Name	C. D. Wilson
Sheet	2	of	3	Attorney Docket Number	M4065.0693/P693-A

T1	US 5,414,271	5/1995	Ovshinsky et al.
<u> </u>	US 5,534,711	7/1996	Ovshinsky et al.
V1	US 5,534,711	7/1996	
W ₁	US 5,536,947	7/1996	Ovshinsky et al. Klersy et al.
X1	US 5,543,737	8/1996	Ovshinsky
Y1	US 5,591,501		Ovshinsky et al.
Z1	US 5,596,522	1/1997	
A2	US 5,687,112	1/1997 11/1997	Ovshinsky et al.
B2		12/1997	Ovshinsky Ovshinsky et al.
C2	US 5,694,054 US 5,714,768	2/1998	
D2			Ovshinsky et al.
	US 5,825,046	10/1998	Czubatyj et al.
E2	US 5,912,839	6/1999	Ovshinsky et al.
F2	US 5,933,365	8/1999	Klersy et al.
G2	US 6,011,757	1/2000	Ovshinsky
H2	US 6,087,674	7/2000	Ovshinsky et al.
12	US 6,141,241	10/2000	Ovshinsky et al.
J2	US 6,339,544	1/2002	Chiang et al.
K2	US 6,404,665	6/2002	Lowery et al.
L2	US 6,429,064	8/2002	Wicker
M2	US 6,437,383	8/2002	Xu
N2	US 6,462,984	10/2002	Xu et al.
O2	US 6,480,438	11/2002	Park
P2	US 6,487,113	11/2002	Park et al.
Q2	US 6,501,111	12/2002	Lowery
R2	US 6,507,061	1/2003	Hudgens et al.
S2	US 6,511,862	1/2003	Hudgens et al.
T2	US 6,511,867	1/2003	Lowery et al.
U2	US 6,512,241	1/2003	Lai
V2	US 6,514,805	2/2003	Xu et al.
W2	US 6,531,373	3/2003	Gill et al.
X2	US 6,534,781	3/2003	Dennison
Y2	US 6,545,287	4/2003	Chiang
Z2	US 6,545,907	4/2003	Lowery et al.
A3_	US 6,555,860	4/2003	Lowery et al.
B3	US 6,563,164	5/2003	Lowery et al.
C3	US 6,566,700	5/2003	Xu
D3	US 6,567,293	5/2003	Lowery et al.
E3	US 6,569,705	5/2003	Chiang et al.
F3	US 6,570,784	5/2003	Lowery
G3	US 6,576,921	6/2003	Lowery
H3	US 6,586,761	7/2003	Lowery
13	US 6,589,714	7/2003	Maimon et al.
J3_	US 6,590,807	7/2003	Lowery
K3	US 6,593,176	7/2003	Dennison
L3	US 6,597,009	7/2003	Wicker
M3	US 6,605,527	8/2003	Dennison et al.
N3	US 6,613,604	9/2003	Maimon et al.
03	US 6,621,095	9/2003	Chiang et al.
P3_	US 6,625,054	9/2003	Lowery et al.
Q3_	US 6,642,102	11/2003	Xu

PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO		Complete if Known			
				Application Number	10/660,602
INF	ORMATION	N DI	SCLOSURE	Filing Date	September 12, 2003
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	John T. Moore
				Art Unit	2824
(Use as many sheets as necessary)			s necessary)	Examiner Name	C. D. Wilson
heet	3	of	3	Attorney Docket Number	M4065.0693/P693-A

R3	US 6,646,297	11/2003	Dennison	
S3	US 6,649,928	11/2003	Dennison	
T3	US 6,667,900	12/2003	Lowery et al.	
U3	US 6,671,710	12/2003	Ovshinsky et al.	
V3	US 6,673,648	1/2004	Lowrey	
W3	US 6,673,700	1/2004	Dennison et al.	
X3	US 6,674,115	1/2004	Hudgens et al.	
Y3	US 6,687,427	2/2004	Ramalingam et al.	
Z3	US 6,690,026	2/2004	Peterson	
A4	US 6,696,355	2/2004	Dennison	
B4	US 6,687,153	2/2004	Lowery	
C4	US 6,707,712	3/2004	Lowery	
D4	US 6,714,954	3/2004	Ovshinsky et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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